

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1-8. (Canceled)
9. (New) A system for communication between remote objects which are provided with service providers, whose methods can be accessed as web services, and client-end local proxies in a computer network, in particular the Internet or a LAN, with
 - a) a general service being installed in addition to the existing services at the service provider end and being designed to switch one or more service calls from a client to the available services, and to transmit one or more response messages to the client,
 - b) an optimization layer being implemented at the client end in addition to the other local proxies, and being designed to carry out client-end optimization and to combine call groups and, furthermore, with a general proxy being installed, which is designed to carry out grouped service calls, and to return response messages to the optimization layer and
 - c) wherein the optimization layer contains at least one cache, with whose aid service calls can be avoided or delayed.
10. (New) The system as claimed in claim 9, wherein the client is designed by means of the optimization layer and the general proxy to automatically initiate a communication with a service provider, even without any call from a client application, in order to update stored information.

11. (New) The system as claimed in claim 9, wherein the client is designed by means of the optimization layer and the general proxy to manage, in particular to update and invalidate, the data in the cache, to request piggyback information together with the transmission of call groups, and the reverse transmission of responses from the service provider.
12. (New) A method for communication between remote objects which are provided with service providers, whose methods can be accessed as web services, and client-end local proxies in a computer network, in particular the Internet or a LAN, with a general service being installed in addition to the existing services at the service provider end, and an optimization layer in each case being implemented at the client end in addition to the other local proxies and containing a cache, and with a general proxy also being installed, and with
 - a) a plurality of calls to methods by client applications being passed by the respective proxy to the optimization layer, where they are combined to form a call group and are passed to a communication layer,
 - b) the call group being transmitted to the service provider, where the individual calls contained in the call group are passed by the general service to the respective corresponding services whose responses are combined and are transmitted back to the client in a grouped manner,
 - c) the responses being evaluated in the optimization layer and being passed to the client application via the respective proxy, and
 - d) wherein the optimization layer is designed to manage, in particular to update and invalidate, the data in the cache.

13. (New) The method as claimed in claim 12, wherein the optimization layer is designed to request piggyback information together with the transmission of call groups, and the reverse transmission of responses from the service provider.
14. (New) The method as claimed in claim 12, wherein the optimization layer automatically initiates a communication with a service provider for management, in particular for updating and in validation, of the data in the cache, even without any call by a client application.
15. (New) The method as claimed in claim 13, the optimization layer automatically initiates a communication with a service provider for management, in particular for updating and in validation, of the data in the cache, even without any call by a client application.